

## **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1.     ~~(Currently Amended)~~ A method ~~effor~~ fastening a microtool to an object having a flat surface, said microtool comprising a first side with a plurality of protrusions and a second, essentially flat side, ~~to an object having a flat surface~~ comprising the steps of:

placing a sintering object with a powder like substance between the flat ~~surfaces~~ surface of the object and the flat second side of the ~~object~~ microtool, and  
of sintering the microtool component to the object.

2.     (Currently Amended) A ~~The~~ method as claimed in claim 1, wherein the microtool is pressure sintered to the object.

3.     (Currently Amended) A ~~The~~ method as claimed in claim 2, wherein during the pressure sintering ~~step~~, pressure is applied in one of "quasi-hydrostatically" quasi-hydrostatically or hydrostatically.

4. (Currently Amended) A ~~The~~ method as claimed in claim 3 where elastically deformable material, ~~such as silicone rubber, is used for excerpting~~ absorbs pressure on the microtool component having a structured surface.

5. (Currently Amended) A ~~The~~ method as claimed in ~~any one of claims 2-4~~ claim 2, comprising the further step of maintaining the temperature during sintering to satisfy the equation  $T_E - 50^\circ < T_S < T_E + 50^\circ$  wherein  $T_E$  is an embossing temperature and  $T_S$  is a sintering temperature of the microtool and the object and the sintering object, and wherein the microtool is for embossing structures in a substrate at the an embossing Temperature  $T_E$ , and wherein for the temperature  $T_S$  of the microtool and the object and the sintering object during the sintering process the relation  $T_E - 50^\circ < T_S < T_E + 50^\circ$  holds.

6. (Currently Amended) ~~The A~~ method as claimed in ~~any one of the previous claims~~ claim 1, wherein the sintering object is a metal powder paste.

7. (Currently Amended) A ~~The~~ method as claimed in ~~any one of the previous claims~~ claim 1, where an array of microtool components is fastened to an object or to an array of objects.

8. (Currently Amended) A method for fastening a pair of microtools to a pair of objects, the pair of microtools being for embossing structures into a substrate from two sides, the method comprising the steps of

assembling, for each microtool of the pair of microtools, the respective object, a sintering object and the microtool, of

aligning the microtools of the pair of microtools with respect to each other, of

provisionally fixing the microtools to the objects, and

of sintering the microtools to the objects ~~using a method according to any one of claims 1-7, wherein sintering includes the steps of:~~

providing a flat surface on each object,

providing each microtool with a first side with a plurality of protrusions and a second, essentially flat side,

placing the sintering object with a powder like substance between the flat surface of the object and the flat second side of the microtool, and

sintering the microtool component to the object.

9. (Currently Amended) A ~~The~~ method as claimed in claim 8, wherein the microtool is provisionally fixed to the object using an ingredient of the sintering object, which serves as ~~being an~~ adhesive.

10. (Currently Amended) A ~~The~~ method as claimed in claim 8, wherein the microtool is provisionally fixed to the object by ~~means of~~ spot welding.

11. (Currently Amended) A ~~The~~ method as claimed in claim 8, wherein the microtool is provisionally fixed to the object by ~~means of~~ mechanical fasteners ~~fixation means such as rivets.~~

12. (Currently Amended) A product produced by the method of claim 1.